

Electronic Supplementary Information for:

Au Nanoparticle Decorated Porous SnO₂ Hollow Spheres: a New Model for Chemical Sensor

Jun Zhang, Xianghong Liu, Shihua Wu, Mijuan Xu, Xianzhi Guo, and Shurong Wang*

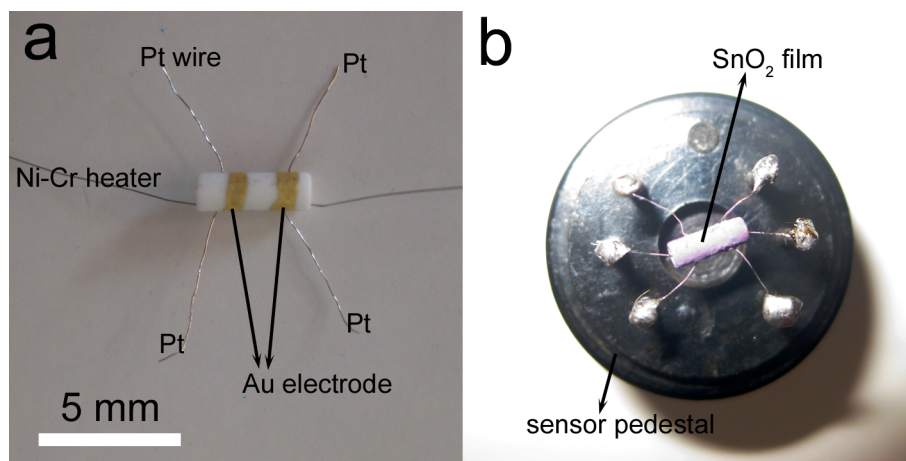


Fig. S1. Photographs of the alumina tube (a) and the completed gas sensor (b)

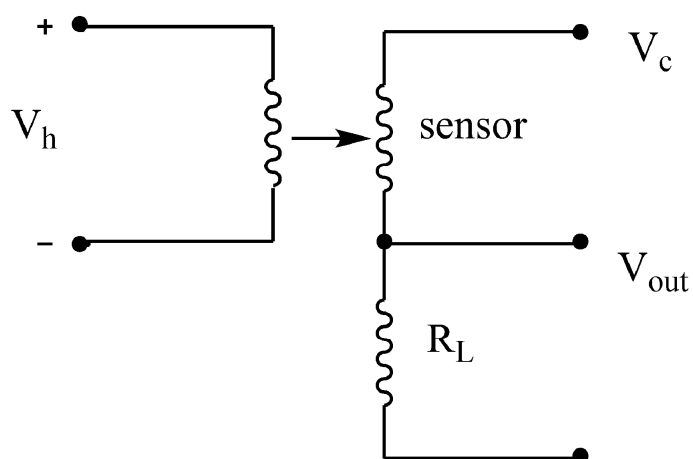


Fig. S2. Working principle of gas sensing test (R_L) a load resistance connected in series to the sensor, (V_h) heating voltage to control the operating temperature, (V_c) circuit voltage of 5V and (V_{out}) sensor signal voltage collected by a computer.